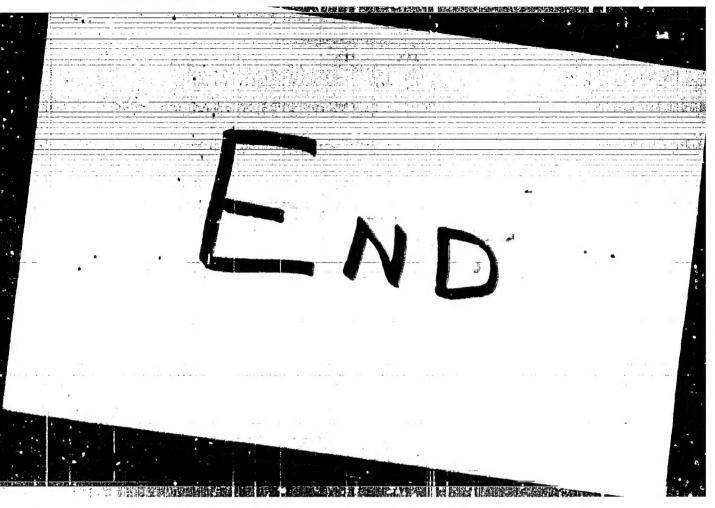
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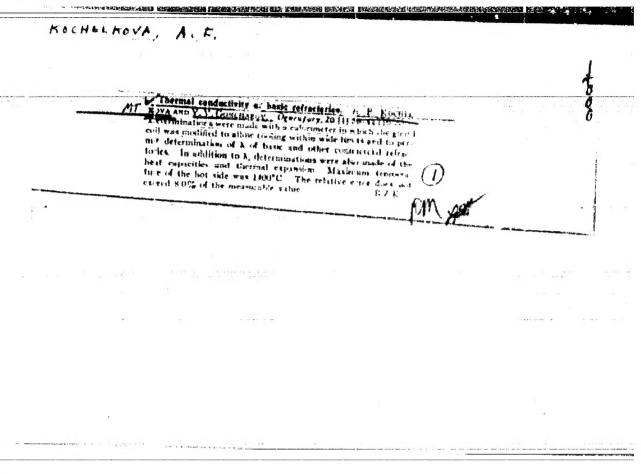
KOCHELAYEV.V.S., master po lesonasashdeniyu. Courses for master tree planters. Avt.dor.18 no.5:) of cover 5'55.
(Tree planting) (NIRA 9:1)

KOCHELEY, A. P.

"Isomerisation des hydrocarbures polymethyleniques sous l'influence du chlerure d'aluminium. IF. Isomerisation duen.-butyl-cyclopentame". Tourova-l oliak. H. E.; Kochelav. A. F. (p. 2179)

50: Journal of General Chemistry (Zhurnal Obahchei Khimii) 1939, Volume 9, #23

"APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510001-2



BARYKINA, Rimma Pavlovna; KOSTRIKOVA, Lidiya Nikolayevna;
KOCHEMADOVA, In'na Povlovna; LOTOVA, Lyudmila Ivanovna;
TRANKOVSKIY, Danili Aleksandrovich; CHISTYAKOVA, Ol'ga
Nikolayevna; SOKOLOVA, N.A., red.; SHVETSOV, S.V., tekhn.
red.

[Laboratory manual on plant anatomy] Praktikum po anatomii rastenii. [By] R.P.Barykina i dr.[n.p.] Roģvusisdat, 1963. 183 p. (MIRA 16:10) (Botany—Anatomy)

SEMENOV, Te.I.; KOCHEMASOV, G.G.; HYROYA, A.V.

Zirkelite and rosenbushchite from contact-metasomatic rocks in the Lovosero Tundras. Trudy IMGRE no.15:106-109 '63. (MIRA 16:11)

26.2312

5/120/61/000/002/002/042 E032/E114

AUTHORS :

Khirnyy, Yu.M., and Kochemasova, L.N.

TITLE:

An injector of negative hydrogen ions

PERIODICAL: Pribory i tekhnika eksperimenta, 1961,4 No. 2, pp. 14-19

The electrostatic generator has retained its importance in ruclear reactor studies since it can be used to produce accelerated particle beams with a very small energy spread. In order to double the energy of particles obtained from electrostatic generators one can use the L.W. Alvarez scheme (Ref. 1) whereby negative hydregen ions are first accelerated by the field between the "earth" and the positive electrode and them, having given up two electrons in a stripping target, they are converted into positive ions which are accelerated again by the field but in the opposite direction. The energy thus obtained corresponds to twice the applied potential. The two ion injectors described in the present paper are designed for this type of application. The stripping target employed by these authors was in the form of a long thin tube with a gas circulated through its middle part. In order to obtain good vacuum and avoid charge exchange on Card 1/5

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An injector of negative hydrogen ions

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residual gas atoms, the diameter in the tube had to be as small as possible. It was found that the most suitable electronoptical focussing scheme for the negative ions was a combination of a three-electrode lens with an impersion lens. The first of these lenses focusses the beam leaving the source in the immersion lens. The latter is used to match the beam energy to the accelerating voltage of the tube and to stabilize the position of the narrowest part of the beam in its object plane (C.H. Johnson, et al. Rev. Scient. Instrum., 1957, 28, 942. Ref.4). The threeelectrode lens consists of electrodes of equal diameter (D=30 mm). The length of the middle electrode is 30 mm and the gap between the electrodes is 3 mm. The minimum focal length is about 50 mm. Fig. 3 shows a schematic drawing of the HI injector. In this figure, 1 is the source of the negative ions, 2 is the focussing system, 3 is the corrector which is used to adjust the position of the beam, & is an electron separator which consists of two permanent magnets and a moveable Faraday cup 5. latter is used to measure the beam current. The electrodes 6 and Card 2/5

S/120/61/000/002/002/042 E032/E114

An injector of negative hydrogen ions

9 are used to suppress secondary electron emission, 7 is a valve, 8 is a trap which removes CO2 which flows in from the stripping target, 11 is a slit and 12 is a second Faraday cup. Fig. 5 shows another negative ion injector in which the Hi and Hy particles are separated by a magnetic field. 'In Fig. 5, 18 the 1 negative ion source, 2 is a single lens, 3 is the magnetic analyser, 4 is a 4 mm diaphragm, 5 is an immersion lens, 8 is a valve and 9 is a a corrector, 7 is a Faraday cup, trap. With this arrangement only two lenses are necessary as compared with four in the apparatus described by L.E. Collins and A.C. Riviere (Ref.9: Nucl. Instrum. and Meth., 1959, 4, 121). Moreover, the length of the focuseing system of the injector up to the object plane of the tube is smaller by a factor of 20 as The beam diameter compared with the length reported in Ref. 9. obtained in the object plane is smaller than in Ref. 9 and is practically independent of the input energy. The negative hydrogen-ion injector described in this paper was designed for an electrostatic generator with a working energy of 2 x 1.5 Mev. Card 3/5

5/120/61/000/002/002/042

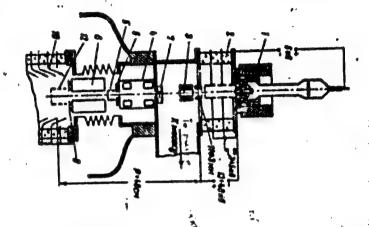
An injector of negative hydrogen... E032/E114

There are 5 figures, 3 tables and 9 references: 3 Soviet and

6 non-Soviet. Acknowledgements are expressed to A.V. Almazov for his interest

in this work.

SUBMITTED: May 6 1960



Card 4/5

F1g. 3

ACC NR: AP7001934

SOURCE CODE: UR/01_0/66/000/006/0032/0036

AUTHOR: Khirnyy, Yu. M.; Kochemasova, L. H.

ORG: none

TITLE: Universal injector of negatively charged ions of hydrogen isotopes for a charge exchange generator

SOURCE: Pribory i tekhnika eksperimenta, no. 6, 1966, 32-36

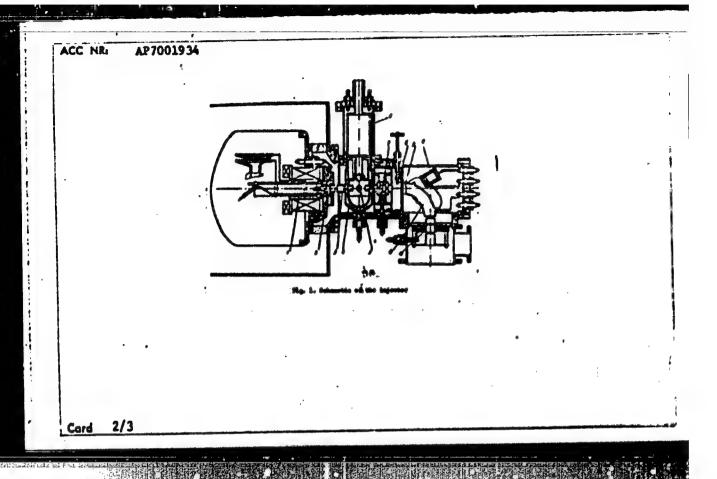
TOPIC TAGS: ion source, ion beam, electrostatic generator, charge exchange

ABSTRACT:

A description of an injector is given in which the negatively charged ions are obtained through the charge exchange of the positively charged ions in a supersonic flow of mercury vapor. The injector, shown in Fig. 1, consists of: 1 - a high-frequency source of positively charged ions with a water-cooled gas discharge bulb; 2 - a single lens located 25 mm from the channel of the source probe; 3 - an immersion lens; 4 - a charge-exchange chamber; 5 - a nozzle which creates a supersonic jet from the mercury vapor used as the charge-exchange target; 6 - a trap with liquid nitrogen; 7 - a second single lens; 8 - a vacuum valve which separates the chamber of the deflecting magnet from the charge-exchange chamber; 9 - a deflecting magnet; 10 - plates for the electrostatic corrector; 11 - Faraday cylinder for controlling the beam;

Card 1/3

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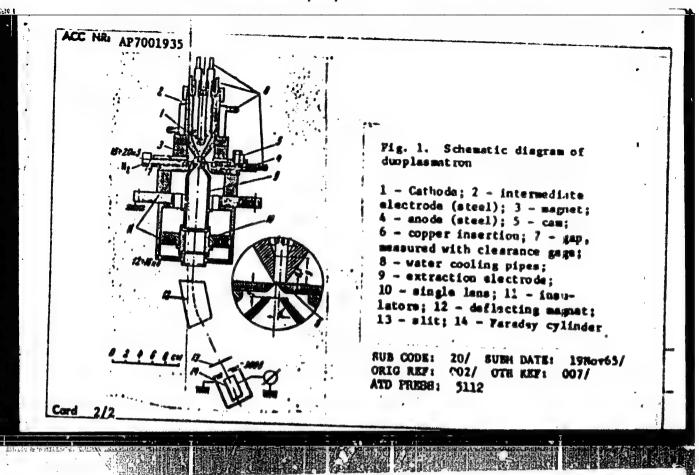
ACC NR: AP7001934

and 12 - a third single lens for focusing the beam at the exit from the injector. The injector was tested for 60 hr on a stand while operating on a D + He mixture. The D₁ ion current was 14-17 µa, and the consumption of mixture was 40-65 cm³/hr. All of the units of the injector were in a normal state after the test and no mercury traces could be found in the disaber of the deflecting magnet or at the exit from the injector. The injector makes it possible to obtain bunches of H₁ ions of 20-27 µa, D₁ ions of approximately 16 µa, and T₁ ions of 12-15 µa. It is also simple to operate. 'Orig. art. has: 6 figures and 2 tables.

SUB CODE: 20/ SUBH DATE: 19Rov65/ ORIG REF: 004/ OTH REF: 002/ ATD PRESS: 5112.

Card 3/3

ACC NE. AP7001935 SOURCE CODE: UR/0120/66/000/006/0036/0039 AUTHOR: Almazov, A. V.; Khirnyy, Yu. H.; Kochemasova, L. H. QRG: none TITLE: Compact duoplasmatron source of negatively charged ions for a charge exchange SOURCE: Pribory i tekhnika eksperimenta, no. 6, 1966, 36-39 TOPIC TAGS: ion source, ion beam, electrostatic generator, charge exchange ABSTRACT: The description is given of a duoplasmatron (see Fig. 1) with a constant magnet. At a 0.95-mm diameter of the anode sperture and a voltage of approximately 80 kv, the source current reached about 140 map. The injector and source passed the stand test before being installed in the generator. At an aperture of 0.5 mm the source current was 40 mamp. After 120 hr of constant operation the parameters of the source had not changed. Generally speaking, the source does not require the attention of an operation.; Orig. art. has: 6 figures. Card 1/2 IDC: \$37.534.2



L_10'105-63 ENT(1)/ENT(m)/EDS/TS(o)-2/TS(w)-2-AFFTU/ASD/ESD-3/SSD--Pt-L/Pab-4--IJF(C)
ACCESSION NR: AP3002714 8/0120/63

8/0120/63/000/003/0025/0029

AUTHOR: Khirnyy, Yu M.; Kochemasowa, L. M.

9

TITLE: Study of a model of a charge-transfer electrostatic generator

SOURCE: Pribory i tekhnika eksperimenta, no. 3, 1963, 25-29

TOPIC TAGS: charge transfer, electrostatic generator, ion accelerator

ABSTRACT: Construction and performance of a 3-Mev charge-transfer electrostatic generator are described. The design, shown in Fig. 1 of Enclosure, included accelerating porcelain-ring tubes, each 1.5-m long and separated by a section containing a stripping tube 340 mm long by 8 mm in diameter into which carbon dioxide was injected as the stripping agent. Hydrogen was used as the active source and was injected into the accelerating tube in neutral atomic and positive and negative ion form. The beam charging source was 500 v, alternating at 500 cps. The vacuum system consisted of two diffusion pumps with nitrogen trape. The method used for reducing the loading effect of secondary particles on the accelerating tubes was to add grids and to stop the beam down to a 3-mm diameter with a diaphragm, rather than to actually separate out the unwanted particles. Tests on the carbon dioxide injection rate showed that optimum positive ion and 1/3

1, 10305-63 ACCESSION NR: (193002714

formation occurred at an injection rate of 35 cm sup 3 per hr, or a chaster pressure of 6.5 x 10 sup -5 mm Hg. However, it appeared that the accelerator operation is not very sensitive to this pressure and that one pump capable of 500 1/sec would be adequate. Results show that approximately 70% of the injected ion beam emerges in ion form and 10% as neutral hydrogen atoms. It is concluded that a construction of this type would also meet the demands of a 12-Mev accelerator, but that the question of separating out high-speed neutral atoms from the beam needs further investigation. "The authors thank A, V, Almazov, F, P, My intsov, B, F, Ometov, V, A, Tabachkovskiy, I, G, Sugrebov, and L, H, Budnikov for their help." Orig. art. has: 5 figures.

ASSOCIATION: none

SUBMITTED: OSMAY62 DATE ACQ: 12Jul63 ENGL: (

SUB CODE: 00 NO REF SOV: 003 OTHER: 000

Card 2/3

KOCHEMASOVA, N.G.

CONTRACTOR CONTRACTOR OF THE PARTY OF THE PA

Comparative study of the effect of aminazine, amobarbital, and chloralhydrate on temperature variations of the parotid gland. Fisiol. shur. [Unit.] 6 no.31349-357 My-Je '60. (MIRA 13:7)

1. Kiyevskiy meditsinskiy institut im.akad. A.A. Bogomol'tsa, kafedra normal'noy fisiologii.
(CHLORPROMAZINE)
(CHLORAL)
(CHLORAL)
(PAROTID GIANDS)

GUREVICH, M.I.; KVITHITSKIY, M.Y., KOCHEMASOVA, M.G.; POVZHITKOV, K.M.;

TO STATE OF THE PROPERTY OF THE PARTY OF THE

Experimental study of the pathogenesis of myocardial infaretion. Vrach.delo no.11:20-24 M *62. (MIRA 16:2)

1. Laboratoriya fisiologii krovosbrashcheniya (rukovodital* -doktor med.nauk M.I. Gurevich) Instituta fisiologii imeni A.A.
Bogomol*tsa AM Ukrash.
(HEART--INFAROTION) (BLOCD--CIRCULATION, DISORDERS OF)

MIKHNEV, A.L., KHOMAZIUK, A.I., KOCHEMASOVA, N.G., KUZATANGAY, N.F., SMIRNOVA, N.S., NESHCHERET, A.P.

Disorders in circulatory regulation in experimental atherosclerosis in dogs. Trudy Inst. klin. i eksper. kar. AN Grus. SSR 8:181 186 '63. (HIRA 17:7)

1. Ukrainskiy institut klinicheskoy meditsiny imeni akademika N.D.Strazhesko, Kiyev.

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Ja-F 165.

MOCHEMASUVE, N.G. [Nochemasova, N.H.]; TAREMENKO, M.C.

Determination of the extracellular space in various tissues by the distribution volume of inulin. Fiziel. zhur. [Ukr.] 11 no.1:129-131 (MIPA 18:7)

1. Institut fixiclegii im. Bogomolitsa AN Ukrasa, Kiyev.

DYKHIO, M.H.; KOCHEMASOVA, Z.N.; DCROZHKOVA, I.R.

Study of the sensitivity of mycobacteria to antibiotics and chemotherapeutic preparations. Antibiotiki 8 no.7:597-601
J1'63
(HIRA 37:3)

1. Kafedra mikrobiologii (sav. - prof. M.N.Lebedeva) I Moskovskogo meditsinskogo instituta imeni Sechenova i mikrobiologicheskaya laboratoriya (sav. - prof. A.I.Kagramenov) Instituta tuberkulesa Ministerstva sdravcokhraneniya SSSR.

40	12813-66 EWT(1)/EWA(1)/T/EWA(b)-2 JK CONR: AP5028183 SCURCE CODE: UR/0248/65/000/008/0039/0046 \$4
AU	JTHOR: Kochamasova, Z. N.; Dykhno, H. H.; Prozorovskiy, S. V.; Kasirakaya, N. G.; Starshinova, V. S.; Savenkova, V. T.; Shchegolev, A. G.; Starshinova, V. S.
OF st	RG: I Moscow Medical Institute im. I. M. Sechenova (I Moskovskiy meditsinskiy intitut); Institute of Epidemiology and Microbiology im. N. F. Gamelei. AMM SSSR Institut epidemiologii i mikrobiologii AFM SSSR); II Moscow Medicai Institute im. I. Pirogova (II Moskovskiy meditsinskiy institut)
	ITIE: L-forms of some types of pathogenic bacteria
S	OURCE: AMM SSSR. Vestnik, no. 8, 1965, 39-46
T	ABSTRACT: I. L-forms of mycobacteria. "In recent years atypical forms of mycobacteria have frequently been isolated from tubercular patients. These differ in many significant ways from normal mycobacteria, yet are similar enough to be considered as merely atypical strains. One explanation for this transformation is that the atypical microbes arise from L-forms, which are themselves formed in response to the
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chemicals used in the treatment of tuberculosis. Sewrel examples of just such transformations are noted in the literature. The purpose of the present study was to establish the conditions for L-transformation, to study the biological properties of the L-forms and their possible reversal to the bacterial form. One typical and one atypical strain were studied using several concentrations of dihydrostreptomycin, penicillin, or both as additives to the culture media. Cultures without antibiotics served as controls. The results (based or examination of live material and on difrerential staining) showed that L-forms are produced in response to both antibiotics, but the optimum conditions for transformation are when both antibiotics are present together. II. L-forms of the family Corpnebaoteriacael, A study of the properties of the L-form of Corynebacteriacae were undertaken with the hope of shedding some light on the connection of these bacteria with mycoplasma. Both toxigenic and nontoxigenic cultures of diptheria and dipthroid organisms were used. It was found that L-form colonies were formed only on media containing 3 % liver agar with 20 % normal horse serum and penicillin. A detailed morphological description of the in colonies is given. It is noted that subculturing resulted in almost total disappearance of normal rod-shaped bacteria which were found initially with some frequency. Certain cultures were found to revert to the rod-shaped diptheria organisms 6 without prior removal to a penicillin-free medium. The process of transformation

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ACC NR: AP5028183

into atypical L-colonies is lengthy and requires from 2 weeks to 2-4 months. Other experiments showed that not all members of a given bacterial population are equally susceptible to transformation by penicillin in that only 5-7 strains of a 30-culture sample underwent transformation. - Studies of the biochemical and cytopathogenic properties of the L-forms showed no consistent variations from those of the parent cultures. III. L-forms of bacteria inclated from blood cultures of typhoid Patients and carriers. It has been established that L-forms can be isolated from a variety of bacterial infections; however, there is insufficient evidence on the formation of L-forms in active typhoid cases or carriers, although such transformations have been observed in this organism under laboratory conditions. To resolve this question defibrinated blood and bile of typhoid patients and carriers were "tured and examined. Of the 17 cases examined one patient and two carriers shower :- form growth in their blood cultures, while one patient had a mixture of L-forms and bacterial f rms. Of particular interest was one patient whose blood originally yielded only typical S. typhi, but after intensive treatment with entiblotics granular elements of Lforms were isolated. This study showed that L-forms can indeed be formed in the body so now it remains to be determined what role they play in the development of the carrier condition. Orig. art. has: 4 figures.

SUB CODE: 06/ SUBN DATE: 01Jun65/ ORIG REF: 002/ OTH REF: 002 JW Card 3/3

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510001-2"

*Material for the "tudy of Variability of Microbes of the Intestinal Group. IV. Nature of "ntagonism of Typhoid-Paratyphoid Bacteria," Zhur. Mikrobial., Epidemicl. i Immunobiol., No.8, p. 61, 1947

KOCKEMAZOV, M.I.; PIOTRASHKO, Yu.M.

Principal tasks of the public health service in Kuybyshev Previace, 1959-1965. Edrav.Ros.Feder. 3 no.1:16-19 Ja '59. (MIRA 12:2)

1. Is Kuybyshevskogo oblatnogo otdela sdravookhrameniya.
(KUYBYEHRV PROVINCE--PUBLIC HEALTH)

CIA-RDP86-00513R000723510001-2" APPROVED FOR RELEASE: 09/18/2001

Some results of the reorganisation of the district level of the rural public health system in Knyb shev Province. Zdrav. Ros. Feder. A no. 10:24-32 0 '60. (MINA 13:10)

1. Is Maybyshevakogo chlastnogo otdela sdraveckhraneniya. (KUIB SHEV PROVINCE—PUBLIC HIALIH)

CONTROL MADE SERVICE S

ARTEMOV, P. I.; KOCHEMAZOV, M. I.; PIOTRASHKO, Iu. M. (Kuybyshev)

Change in the standards for dispensary and polyolinical core and for the number of patients at a territorial medical center. Zdrav. Ros. Feder. 6 no.6:8-13 Je '62. (HIRA 15:7)

(HOSPITALS_OUTPATIENT SERVICES)
(MEDICAL CARE)

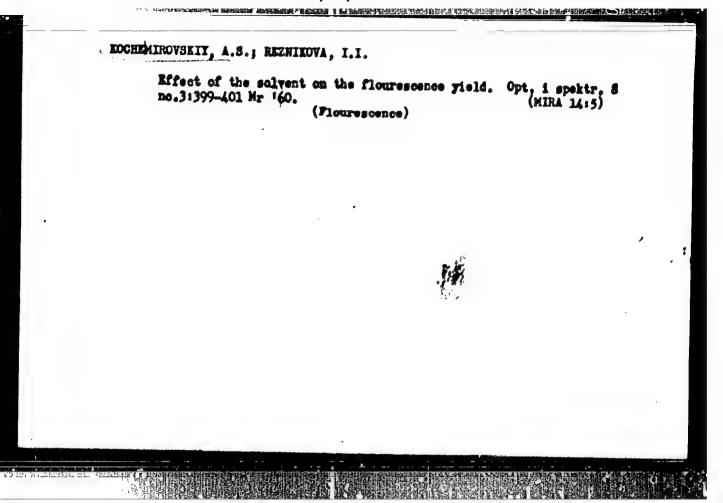
"APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510001-2

KOCHEMIDOV, At., Insh.; ZOGRAFOV, Iv.

Metal cutting with aerosol cooling, Mashinostroene 19 no.9:32-35

1. Central Scientific Research Institute of Technology and Machinery.

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510001-2"



8/051/60/008/03/027/038

AUTHORS: Zhmyreva, I.A., Zelinskiy, V.V., Kolobkov, V.P., Kochemirovskiy, A.S., and Reznikova, I.I.

TITLE: On the Problem of the Effect of Solvents on the Electronic Spectra of Organic Molecules 1

PERIODICAL: Optika i spektroskopiya, 1960, Vol 8, Nr 3, pp 412-414 (USER)

ABSTRACT: Bakhshiyev (Refs 7, 8) derived relationships between the effect of solvents on the electronic spectra of organic compounds and the refractive indices and dielectric constants of the solvents. According to Bakhshiyev the experimental results fit excellently the formulae derived by him. Unfortunately if one substitutes into Bakhshiyev's formulae the values of A and Angle for a wider range of solvents than those investigated by him, the experimental and theoretical dependences no longer agree; such disagrement can be seen clearly in Fig 1 which shows the

dependence of $\Delta V_{\rm SR}$ on A for 4-aminophthalimide. Here $\Delta V_{\rm SR}$ is the frequency shift due to a solvent and

8/051/60/008/03/027/038 8201/8191

On the Problem of the Effect of Solvents on the Electronic Spectra of Organic Molecules

$$A = \frac{2x-1}{2x+2} + p \frac{2n^2-1}{2n^2+2}$$

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where & is the dielectric constant and n is the refractive index of the solvent. Experimental data also disagree with a theoretically predicted inverse proportionality between the effect of solvents on the spectra and the molecular radii of the solvents (Fig 2). The authors follow earlier workers (Refs 9-13) and suggest that it is wrong in principle to attempt description of the effect of solvents on the spectra using macroproperties of these solvents, since such effect is primarily due to short-range intermolecular interactions governed by micro-properties of the solvents. A semblance of the relationship between the shift in the electronic frequencies and the dielectric constant is due to the fact that the dielectric constant is governed by the micro-properties of the solvents. There are 2 figures and properties of the solvents. 13 references, of which o are Soviet, 1 English, 2 Japanese and 4 German.

Card 2/2

SUBMITTED: August 12, 1959

8/051/60/009/004/031/034 B201/B191

AUTHORS: Viktorova Ye.N.

Kochemirovskiy, Krasnitskaya, N.D., and Hernikova,

TITLE:

New Examples of Pronounced Dependence of the

Fluorescence Yield on Position in the Luminescence

Spectrum

PERIODICAL: Optika i spektroskopiya, 1960, Vol 9, No 4, pp 544-546 Zelinskiy et al. (Ref 1) showed that in five TEXT: phthalimide derivatives there was a regular relationship between the absolute quantum yield of fluorescence (q) at 20 °C in various solvents and the frequency of the fluorescence spectrum maximum (4). The present paper reports a similar dependence of q on V in dimethylnaphtharhodine(dimetilnafteyrodin) (I), 2-aminoacridine (II) and cyclohexylaminomaleinimide (III) at 20 °C (a figure on p 545). The fluorescence yields were measured using a technique described earlier (Ref 4). The values of V (in 103 cm-1) represent solutions in various solvents, such as ethyl alcohol, cyclohexanol, cyclohexanone, and so on. For each compound (I, II and III) $q = f(\nabla)$ was in the form of \wedge , Card 1/2

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ZHMYREVA, N.A.; ZELINSKIY, V.V.; KOLOBKOV, V.P.; KOCHEMINOVSKIY, 1.3.; REZNIKOVA, I.I.

Current status of the problem of the effect of the solvent on the spectra of complex organic molecules. Izv.AW SSSR.Ser. fix. 24 no.5:596-600 Hy '60. (NIRA 13:5) (Spectrum, Molecular)

ZHMYREVA, I.A.; KOCHEMIROVSKIY, A.S.

Pluorescence of organic compounds in the adsorbed state. Zhur. fiz. khim. 35 no.5:1163-1165 My '61. (MIRA 16:7)

(Organic compounds-Spectra) (Adsorption)

5/054/65/004/001/006/022 B102/B166

AUTHORS:

Zhiglinskiy, A. G., Tochemirovskiy, A. S.

TITLE:

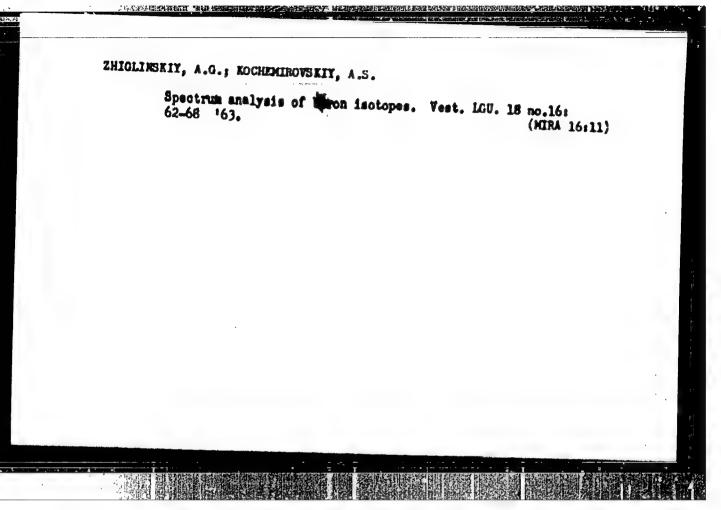
Determination of isotopic composition from the emission

spectrum of molecules

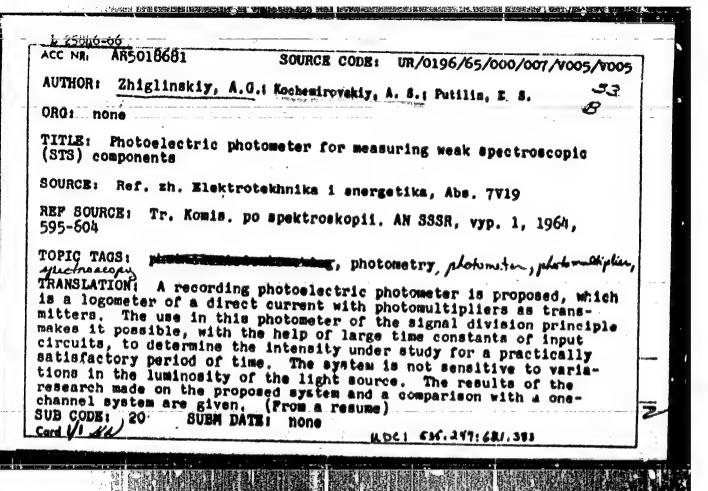
Leningrad. Universitet. Vestnik. Seriya fiziki i khimit, PERIODICAL no. 1. 1963. 47-54

TEXT: Accuracy and reproducibility of isotope analyses with the help of stomic spectra, rotational or vibrational spectra of molecules depend on the relation between concentration ratio and intensity radio. In the ideal case, $C_1/C_2 = I_1/I_2$. Numerous possible cause for deviation from the ideal relation are discussed (isotope separation, differences in the degree of molecular dissociation, self-absorption, tackground etc.). In the case of atomic spectra the high homologicity of the spectral lines is the main cause of the deviation. For molecular spectra it is less high. Here the physical principles of an analysis according to the band edges of the electron vibrational spectra of biatomic molecules and according to the lines of the rotational spectra are discussed with special consideration

Card 1/2



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ACC NO. ASCA	
SOURCE: CODE: UN/0058/65/000/009/A021/A021 SOURCE: Ref. zh. Fizika, Abs. 9A177	;
AUTHORS: Zhiglinskiy, A. G.; Kochemirovskiy, A. S. Duttien B.	
ponents Atv	;
REF SOURCE: Tr. Komis. po spektroskopii. Aw scap m o	10.1
method, photoester, hyperfine structure, spectrophotometer	†
TRANSIATION: A recording photoelectric photometer is described, comprising a deratio meter with photomultipliers as pickups. The use of the signal-division principle in the photometer makes it possible, when using input circuits with large time constants, to determine the investigated intensity within a practically satisfactory photometer was tested in apparatus for the light-source brightness. The of the investigation of the proposed scheme and its comparison with the single-channel scheme are presented.	PROPERTY.
SUB CODE: 20	
ord 1/1 Ast	2



HE OF THE MANUFACTOR ASSESSMENT OF THE PROPERTY OF THE PROPERT L 33599-66 EWT(1) ACC NR. AR6016205 SOURCE CODE: UR/0058/65/000/011/D036/D037 AUTHORS: Zhiglinskiy, A. G.; Kochemirovskiy, A. S.; Putilia, E. S. 45 B TITLE: Vibrational spectrum of single-crystal Rochells salt in polarization of light along three principal crystallographic directions at T = 293K and 20K SOURCE: Ref. sh. Fisika, Abe. 110262 REP SOURCE: Tr. Komis. po spektroskopii. AE SSSE, t. 3, vyp. 1, 1964, 595-603 TOPIC TAGS: absorption spectrum, light polarization, absorption band, potassium compound ABSTRACT: The vibrational absorption spectrum of single-crystal Rochelle salt exhibits a strong variation with the temperature. This variation is manifest ir. a change of the intensity of the absorption bands and their saift, the appearance of new bands, and disappearance of old ones. A different behavior of polarised absorption bands is observed in different planes. [Translation of abstract] SUB CODE: 20 Card 1/1

THE RESIDENCE OF THE PROPERTY OF THE PROPERTY

KOCHENDORFER, A., Prof.

Stress state in notched specimen and its significance for the rigidity temperature of structural steel. Acta techn Hung _5/36:219-236 '61

1. Max-Planck-Institut for Eisenforschung, Dusseldorf.

KOCHEMRINA, A.S.; MEDVEDEVA, G.A.

Determination of sulfur in the form of sulfide in copper-sins lead concentrates and slags. Isv. vys. ucheb. sav., khim. i khim. tekh. 7 no.51863-865 164 (HIRA 18:1)

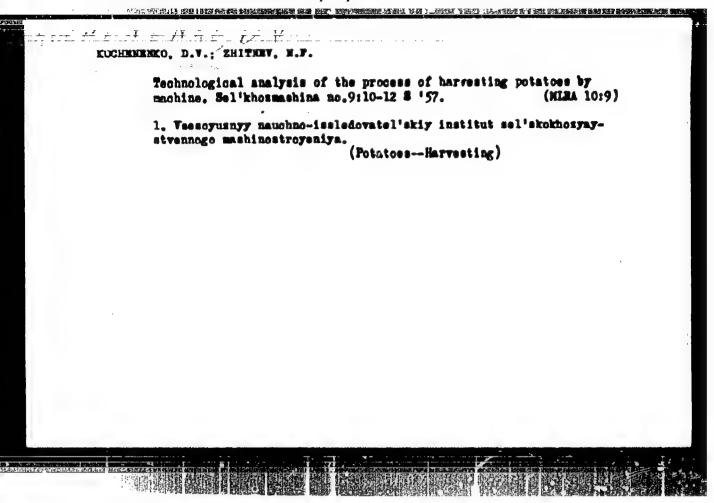
l. Kafedra analiticheskoy khimii Ural'skogo politekhnicheskogo instituta imeni S.M. Kirova.

KOCHEMENKO, D. V.; USTINOV, A.N.; CHAUS, V.M.

Considerations on the use of the MER-2 potato combine in 1956.

Sel'khosmashina mo.5:3-5 My '55. (MERA 8:6)

(Potatoes-- Harvesting) (Combines (Agricultural machinery))



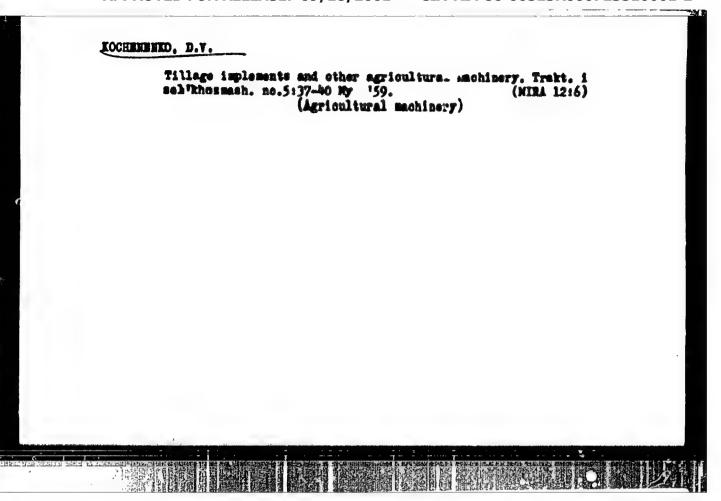
How agricultural machinery. Trakt. 1 sel'khosmash. no.3143_45
Nr '59. (Agricultural machinery)

KOCHENENKO, D.V., kand.sel*skokhos.nauk; KLIMOVA, Ye.A., insh.

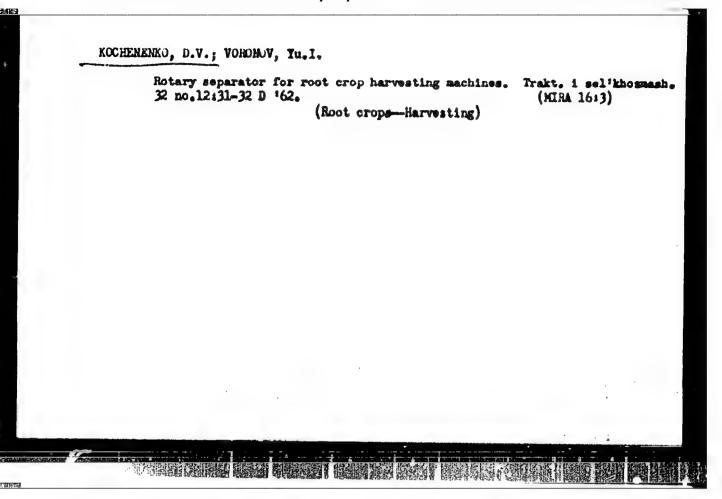
Sprayer for vineyards and orchards mounted on a small-size crawler tractor. Zashah.rast.ot vred. i bol. & no.4:54 Jl-Ag *59.

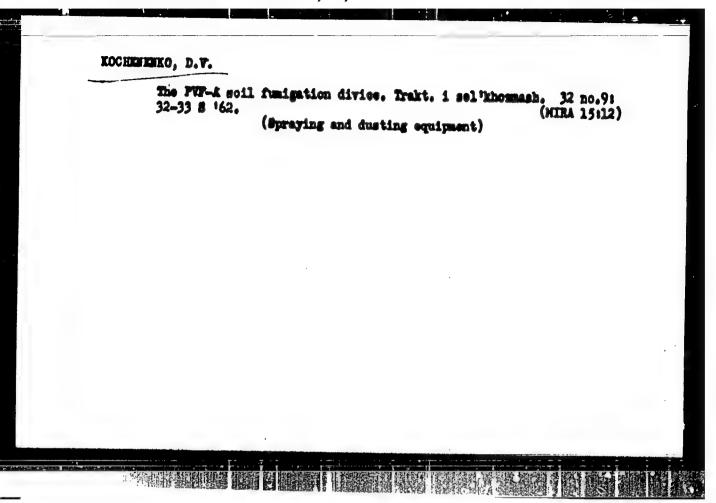
(HIPA 16:5)

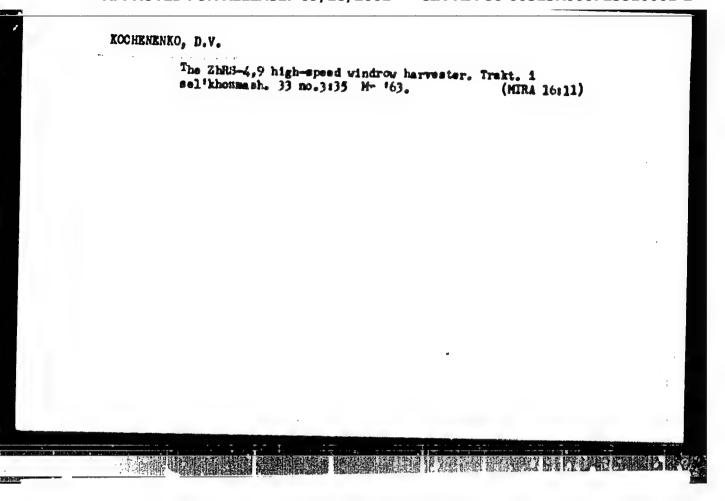
(Spawing and dusting equipment)



 KOCHENENKO, D.V.		
KKP-18 hemp harvester. Trakt. 1 a	(MIRA 14:12)	
1. Ysesoyusnyy nauchno-isaledovat sel'skokhosynystvennogo mashinosti (Hemp-Harve	MOYUMIYE.	
	·	,







KALAMIN, A.J., kand. sel'skokhoz. nauk; KOCHENENEC, L.V.. kor. sel'skokhoz. nauk

Studying the working surfaces of potato sorting machines.

Trakt. 1 sel'skozmach. 33 no.ll:27-29 N '63. (MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo machinostroyeniya.

KOCHENENKO, D.V.

The MVM-250 mat weaving machine. Trakt. i sel*khozmash. 33 no.11:39 N '63. (MIRA 17:9)

1. Vaesoyuznyy nauchno-issledowatel*skiy institut sel*skekhosyayatvennogo mashinostroyeniya.

MOCHENENCO, D.V. The KSSh-5B wide-range cruhard cellivator, Trakt, 1 selthosmash, no.2137 F 65. (MIRA 1814)

l. Vsesoyuznyy nauchno-isaledoratel akiy institut sel skekhozynystvennogo mashinostroyenija.

KOCHENENKO, D.V.

The KRN-5,6 tractor-driven cultivator and fertilizer spreader.

Trakt. 1 sel*khozmash. no.11:33 H *64. (MIRA 18:1)

1. Vsesoyusnyy nauchno-issledovatel*skiy institut sel*skokhosyay-stvennogo mashinostroyeniya.

RUSANOV, V.T.; GUR'YEV, I.D., master; KCCHENKOV, V.V., osmotrshchik-avtomatchik; SUKINOV, S.I., osmotrshchik-avtomatchik; SEMENIKHIN, N.A., osmotrshchik-prolaschik; MALTGINA, N.A., slesar!-avtomatchik; MANTAK, A.I., insh.-tekhnolog; MALOV, G.A., instruktor; POTAPOV, A.L., mashinist elektrovosa; KOVRIZHRIN, N.P.; PATEYUK, I.L., starshiy insh. po tormosam

Discussion of Boiko and Sendercy's article "Is there a need for emergency braking boosters on freight trains?" Elek.i tepl. tiaga 5 no.12:26-27 D '61. (HIRA 15:1)

1. Punkt tekhnicheskogo osmotra stantsii Magnitogorsk Yuzhno-Ural'skoy dorogi. 2. Nachal'nik punkta tekhnicheskogo osmotra stantsii Magnitogorsk Yuzhno-Ural'skoy dorogi (for Rusanov). 3. Depo Tuapse Severo-Kavkasskoy dorogi (for Potapov). 4. Starshiy revisor slushby lokomotivnogo khosyaystva Moskovskoy dorogi (for Kovrishkin).
5. Slushba vagonnogo khosyaystva Moskovskoy dorogi (for Pateyuk).

(Railroads-Brakes).

KOVALEY, Ye.N., dotsent; KOCHENKOVA, A.V.; RUBTSOVA, V.R.

Effect of working conditions on the nervous system in workers of the Ryazan Combine of Artificial Fibers (1960-1962). Mauch. trudy Riaz.med.inst. 2:91-96 *63.

(MIRA 18:12)

1. Kafedra nervnykh bolezney (zav. kafedroy - dotsent Ie.N.

Kovalev) Ryasanskogo meditsinskogo instituta imeni akademika

I.P.Pavlova i oblastnaya bol'nitsa imeni Semashko (glavnyy

vrach - B.N.Shirokov).

Ξ

Ŧ.

23728-66 EVT(n)/ETC(1)/EPP(n)-2/EVG(n)ACC NR. AP6014806 UR/0089/65/019/005/0463/0464 SOURCE CODE: Kochenov, A. J.; Lyashchenko, N. Ya. ORG: none TITLE: Comparison of the theoretical and experimental parameters for homogeneous uranium-water critical assembly SOURCE: Atomaya energiya. v. 19, no. 5, 1965, 463-464 TOPIC TAGS: uranium, polyethylene, neutron, transport equation, thermal meutron, neutron diffusion, nuclear reactor moderator, reactor fuel element ABSTRACT: The P1 approximation of the neutron transport equation and the singlevelocity thermal-neutron diffusion equation were used for the calculations; the energy range was divided into 12 groups, including the thermal range for the slowing-down equation. The critical assembly used for the experimental determinations consisted of 70 x 35 x 250 mm holders, with 250 x 70 x 2.7 mm fuel sheets pressed from polyethylene and U308 with a 235U content of 90%. Foils of Al, Cu, and stainless steel were used as covering. It was found that the assembly was quasi-homogeneous when the hydrogen and $\frac{1}{2}$ U concentration ratio was $\rho H/\rho^{138}U \gtrsim 50$. For a value of this ratio of about 90 the water gap between the foils amounted to about 5 mm, or equal to the mean free path of the thermal neutrons in water; therefore at > 50, the effect of the beterogeneity must be taken into account, and the method may be used only in the first case. For Card 1/2 621,039, 20,22

dimensions o	f homogeneou B. Kliment	of of calculation may a, epithermal reactors by, V. M. Gryagey, and	using a hydrogenous	moderator. Te.D.
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L 28390-66 EPF(n)-2/ENT(a)/ETC(1)/ENG(a) ACC NR AP6001795 BOURCE CODE: UR/0089/65/019/006/0530/0531 AUTHOR: Kochenov, A. S. 32 ORG: None Thermal neutron flux attenuation caused by a hollow channel in reflector Atomnaya energiya, v. 19, no. 6, 1965, 530-531 SOURCE: TOPIC TAGE: nuclear reactor, thermal neutron, neutron flux ABSTRACT: An abbreviated version of the original paper is presented. Calculations of the thermal neutron flux in the center of a hollow cylindrical channel of radius R were based on an integral equation from which approximate formulas were derived. The distribution of neutron flux along the channel was expressed as (*)-*** where x is the distance from the channel bottom. It was assumed that the flux remained constant across the channel filled with reflecting material. tive attenuation was determined by using the ratio $\Phi(0) = \frac{1+1}{2}$. Here, $\Phi(0) = \frac{1+1}{2}$ is the flux in the center of channel bottom $\Phi(0) = \frac{1+1}{2}$. The welswhile J is expressed by the formula $J=R/L\left\{\frac{n}{2}\left(H_1\left(R/L\right)-N_1\left(R/L\right)\right)-1\right\}$ denotes Struve function and N1 is Neumann function. In case of thin channels (R/L < 1) this formula was Cord 1/2 UDC: 621.030.512.45

uara bresei	ated in a tab	tion $J=1-A/L+\frac{1}{2}$ (he values of J ols. Orig. art.	has: 1 table	verious rat	ler io R/L las.
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L 34366-66 EWT(m)/EWP(t)/ETI IJP(c) JD/JG

ACC NR: AT6008411

SOURCE CODE: UR/3136/65/000/957/0001/0032

AUTHOR: Aleksandrov, Yu. V.; Aleksenko, Yu. N.; Batalov, A.A.; Buynitskaya, Kochenov, A. S.; Sarychev, M. A.

ORG: Institute of Atomic Energy im, I. V. Kurchatov (Institut atomnoy energif)

TITLE: The study of the influence of the porosity of beryllium reflector on the flow of mormal neutrons in horizontal beams

SOURCE: Moscow. Institut atomnoy energii. Doklady, IAE-957, 1965. Issiedovaniye vliyaniya skvazhnosti berilliyevogo otraxhatelya na potok teplovykh netronov v gorizon tal'nykh puchkakh, 1-32

TOPIC TAGS: reactor reflector, neutron beam, neutron flux

ABSTRACT: The intensity of strong noutron fluxes (10¹⁰-10¹¹ n/cm²-sec) at the exit of experimental reactor beams is in part determined by the flow of thermal neutrons at the header of the beam and by its cross section. In turn, these depend on the properties of the reflector, Since the authors were urble to imitate on the critical stand the active zone with the required spectral composition of the neutrons, they imitated the "thermal" active zone by establishing the appropriate distribution of the thermal neutron flux within the beryllium reflector. This was achieved by placing a 0.5-mm thick cadmium filter between the active zone and the reflector. The present article describes the critical stand used and the methodology of the

Card 1/2

BLOKH, A.M.; KOCHENOV, A.V.; GINZBURG, A.I., glavnyy red.; APEL'TSIN, F.R., red.; GRIGOR'YEV, V.M., red.; POLYAKOV, M.V., red.; RODIONCV, C.G., red.; STEPANOV, I.S., red.; TROKHACHEV, P.A., red.; PACUTOV, V.P., red.; CHERNOSVITOV, Yu.L., red.; SHPANENKOV, I.V., red.; SHCHERBINA, V.V., red.; EYGELES, M.A., red.

[Impurity elements in bone phosphate of fossil fishes.] Elementyprimesi v kostnom fosfate iskopaemykh ryb. Hoskva, Nedra, 1964. 106 p. (Geologiia mestorozhdenii redkikh elementov, no.24). (MIRA 19:1)

THE REPORT OF THE PROPERTY OF

24.4300

AUTHOR:

Kocheney, 1. 5.

5/649/61/000/139/012/018

1028/1228

TITLE:

Flow in ducts with inflow or outflow through the wall

SOURCE:

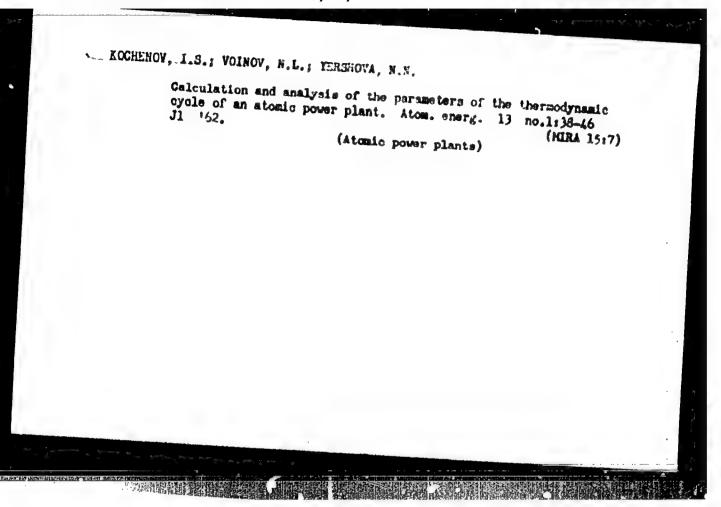
Moscow. Institut inzhenerov zheleznodorozhnogo transporta. Trudy, no. 139. 1961. Teoriya podobiya i yeye primeneniye v teplotekhnike; trudy pervoi mezhvurovskoy konferentsii. 158, 162

TEXT: Non-turbulent steady flow in a cylindrical pipe and a plane slit with smooth permeable walls, and solutions of this problem are known for the case dG/dx = const, (G = rate of flow). The paper considers the case of an arbitrary profile dG/dx = f(x). The local coefficient of friction ζ is found to be independent of the profile of inflow or outflow, and to depend only on two local criteria: $\zeta = \langle (Re, K_{\perp}), \text{ where } K_{\perp} = v_{\omega}(x) \rangle$ analytical representation of ζ makes it possible to solve the equation, determining dp(x), for any inflow profile. Preliminary experiments have shown that these results can be extended to turbulent flows. Personalities mentioner as collaborators are: V. L. Romodanov, L. M. Parafilo, B. I. Nikolaev. English-language references read as follows: 1. Berman, A. S. J. Appl. Phys. 24; 9. September 1953; 2. Yuan, S. W., J. Appl. Phys. 27, 3. March 1956; 3. Yuan, S. W., and Finkelstein, A. B. Trans, ASME 78, 4 May 1956

ASSOCIATION: Institut atomnoy energii AN SSSR (Atomic Energy Institute, AS USSR)

Card 1/1

B



L 11859-66 ENT(1)/ENP(m)/EMA(d)/ETC(m)/EHA(1) ACC IRI AT6001359	44.7
ACC INR. AT6001359 SOURCE CODE	NN/GS
AUTHOR: Kashan 55	0000/65/000/000/0131/0135
(Moscow) Rosenov, I. S. (Moscow); Baranova, I.	/11/01/35
AUTHOR: Kochenov, I. S. (Moscow); Baranova, L. I. ORG: None	()DECOV); Vasil/yev, V. V.
TTTT P. 7155	
TITLE: Flow in chennels with porous walls	
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SCURCE: Teplo- i messoperenos. t. 1: Konvekt: On homogeneous medium). Minak	LYDYY tanloobman
odnoy arade (Heat and mass transfer. v. 1: Konvekt: in homogeneous medium). Minak, wauka i tekhni OPIC TAGS: fliud flow bedeen	rective heat archame
OPIC TAGS: flind committee to the total	ka, 1965, 131-135
COPIC TAGS: fliud flow, hydrodynamics, porosi	ty. pressure p
BSTRACT. M.	, Reynolds
ribed by the equation change in a channel we	A
BSTRACT: The pressure change in a channel wi ribed by the equation of motion which, for a section, when the velocity at the wall, for a	channel of commission des-
ribed by the equation of motion which, for a section, when the velocity at the wall is perport written in the following averaged form:	endicular to the arts
40-0-4/60-4/00-3	dan dan
$d\rho = -\beta \rho w^{2} \left(\frac{dw}{w} + \frac{d(\beta G)}{\beta G} \right) - \xi \frac{\rho w^{2}}{2} \frac{dx}{dx}$	· (i)
2 4	
$\frac{\xi = \frac{R\tau_{cr}}{\rho m^2}, \beta = \frac{1}{F} \int \left(\frac{u}{m}\right)^2 dF.$	
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ACC NR: AT6001359

It is evident from this equation that the pressure gradient is determined not only by the effect of friction at the well, which is expressed by dynamic effect connected with transfer due to impulses between the mein stream and the outflows, which is expressed by the first term on the right hand side which, with large outflows, plays a dominant role. Based on this concept, experiments were carried out in a channel with a diameter of 0.013 meters and a length of 0.1 meters. The section consisted of 270 discs with a thickness of 0.00025 meters and gaps (0.0001 from the other sections and measurements were made of the pressure drop Reynolds numbers from 15,000 to 50,000. In all, about 300 experiments or sections are made; two figures show a preliminary treatment of the results.

SUB CODE: 20/ SUBH DATE: 31Aug65/ ORIG REP: 001/ OTH REF: 006

Cord 2/2

EWT(1)/EWP(m)/EWA(d)/PCS(k)/EWA(1) 11835-66 SOURCE CODE: UR/0000/65/000/000/0306/0314 ACC NRI AT6001374 S.: Kuznevsov, Yu. H. Kochenoy. I. AUTHOR: ORG: None 4-1-5 Unsteady-state flow in tubes TITLE: SOURCE: Teplo- i messoperenos. t. 1: Konvektivnyy teploobmen v odnorodnoy srede (Hest and mass transfer. v. 1: Convective hest exchange in an homogeneous medium). Minsk, Nauka i tekhnike, 1965, 306-314 TOPIC TAGS: hydrodynumics, fluid flow, unsteady flow, hydraulic resistance ABSTRACT: The erticle starts with a theoretical discussion of the subject and a review of previous work in the field. Experimental determination of the coefficient of unsteady state friction resistance is difficult since the messuring apparatus and the equipment must be practically without inertia. The experiments in this case were cerried out in two different experimental units with water and oil as the working substances. Pressure gradients were measured in three successive sections of a round tube with a dismeter of 0.007 meters in the stabilized flow region. The measurements were made with an induction sensing device, Cord 1/2

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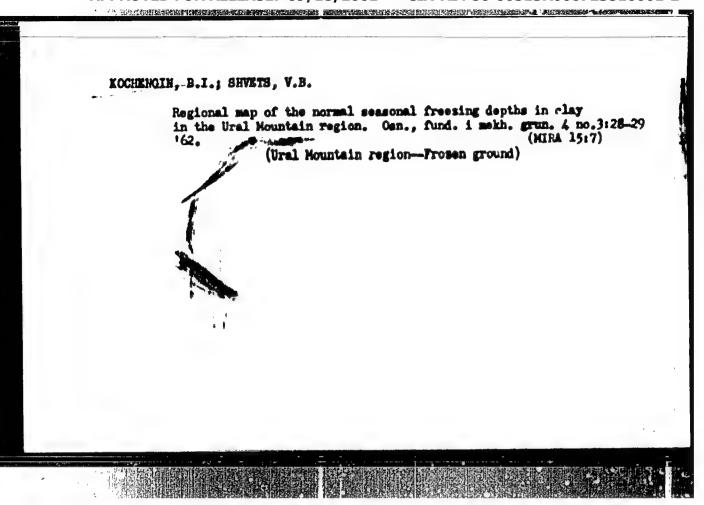
L 11835-66 ACC NR: AT6001374

type DIF 1-M; and, a pressure drop of 20,000 newtons/meter² could be measured with an accuracy up to 0.5%. The experiments were cerried out in a range of Reynolds numbers from 10⁴ to 10⁵. In the experiments, great divergences from unity were observed in the value of the resistance. tance coefficient, including negative values. In addition to the tests described above for determination of the unsteady state friction resistence, experiments were made to study local resistences in unsteady state flows; here also there were obtained divergences from unity of the coefficient of unsteady state local resistance. Thus, both theoretical and experimental investigations show that the coefficient of hydraulic resistance under strongly uncteady state conditions differs from its quasi steady state value, and that this fact must be taken into account in the calculation of processes which change rapidly with time. Orig.

SUB CODE: 20/ SUBM DATE: 31Aug65/ ORIG REF: 006/ OTH REF:

Cord 2/2

Construction of building s with shallow foundations in the Central Urals. Trudy NII prom.mdan.i soor. no.4:32-35 [6]. (MIRA 15:5) (Foundations)



"APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510001-2

SHVETS V.B., kand. teknn. nauk; KOCHENGIh, B.I., inzh.; NATIONEO. A.S., red.

[Instructions on determining the depth for laying foundations under conditions of ground freezing in the Ural Mountain Region] Ukazaniia po namecheniiu glubiny zaloznaniia fundamentov iz uslovii promerzaniia gruntov na Urale. Sverdlovsk, 1964. 12 p. (Elik 18:7)

1. Sverdlovsk. Uraliskiy promatrcyniiproyekt.

IL'ICHEVA, Ye.M.; KOCHENKOV, V.G.

Conference on the bioclimatology of man. Vop. kur., fizioter. 1 lech. fiz. kul't. 26 no.3:285-287 My-Je '61. (MINA 14:7) (GLIMATOLOGY, MEDICAL)

L 24214-65 EFT (a)/EPF (c)/EPF (a)-2/EPR Pr-4/Pa-4/Pa-4/Pa-4 DN / ACCESSION NR: AP5001267 8/0089/64/017/006/0452/0463 B

AUTHOR: Feynberg, S. M.; Dollezhal', N. A.; Vorob'yev, Ye. D.; Tsykanov, V. A.; Yemel'yanov, I. Ya.; Gryazev, V. M.; Kochenov, A. S.; Bulkin, Yu. M.; Agevenkov, V. J.; Aver'yanov, P. G.

TITLE: Physical and exploitational characteristics of the SM-3 reactor /9

SOURCE: Atomnaya energiya, v. 17, no. 6, 1984, 452-463

reactor ABSTRACT: The paper is a summary of the SSSR # 320 report at the international Conference on Peaceful Uses of Atomic Energy in Geneva, 1964. The reactor SM-2 was designed for a wide range of investigations in nuclear physics, solid state physics, metallurgy, radiation chemistry, physics and technology of nuclear reactor construction, and other fields of science and technology. The reactor was described in Atomnaya Energiya 8, 494 (1960). The thermal neutron flux is 2.5 x 10¹⁵ n/cm², sec at 80,000 kw. The fast neutron flux with energy larger

Cord 1/2

"APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510001-2

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Card 2/2		····	

FEYNE Q.M. "OF LEZHAL", H.A.; VOROB'YEV, Ye.J.; TSYKANOV, V.A.; YEMEL'YANOV, I. Ya.; GRYALEV, V.M.; KOCHEROY, A.S.; BULKIN, YE.M.; AGEYENKOV, V.I.; AVER'YANOV, P.G.

Physical and operational characteristics of the Si-2 reactor. Atom. energ. 17 no.6:452 D 164 (M:RA 18:1)

10329-67 MI(n) JR

ACC NRI. AP6029796

SOURCE CODE: UR/0089/66/021/002/0097/0101

AUTHOR: Kochenov, A. S.

25

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22

ORG: none

TITLE: Influence of the parameters of a research reactor on the thermal-neutron flux in the reflector and on the fuel cost

SOURCE: Atomnaya energiya, v. 21, no. 2, 1966, 97-101

TOPIC TAGS: reactor fuel element, thermal neutron, reactor neutron flux, reactor reflector, nuclear research reactor

ABSTRACT: With an aim at reducing the expenditures for fuel, which constitute a major fraction of reactor costs, the author considers means of improving reactor efficiencyby increasing the neutron flux in the reflector. An analysis of the neutron-flux equation, made for a reactor with spherical active zone and infinite reflector, shows that the larger the neutron multiplication coefficient and the smaller the radius of the active some, the higher the quality of the reactor (defined as the ratio of the maximum flux of thermal neutrons to the reactor power). In particular, this ratio turns out to be sufficiently large for reactors of the water-water type working with intermediate neutrons. Conditions under which the thermal-neutron flux at any point of the reactor can be increased by increasing the fuel concentration is derived. Cal-

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10329-67 ACC NR. AP6029796 APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510001 culation of the optimal burnup fraction shows that from the point of view of cost minimization neither very low nor very high fractions are desirable for research res

tors, the optimum ranging from 20 to 40%. The authors thank S. M. Feynberg, P. Ye. Stepanov, and M. I. Leletin for a discussion of the problems considered. Orig. art.

has: 2 figures, 23 form 'as, and 2 tables.

SUB CODE: 18/ BUBM DATE: 08Feb66/ ORIO REF OTH REF: 001

Card 2/2

(Rare earth metals)

Mochinov, A.v.; Elnovitav, V.V.

Distribution of rare earth elements in the phosphate remains of fishes from Maikop deposits. Geokhimia no.8:714-725 '60.

(Fishes, Fossil) (Phosphates)

BLOKH, A.M.; KOCHKHOV, A.V.

Fluorine concentration in the bone remains of fossil fishes. Dokl.
AM SSSR 135 no.6:1495-1497 D '60. (MIRAL3:12)

1. Vsesoyuznyy nauchno-isaledovatel'skiy institut mineral'nogo syr'ya. Predstavleno akademikom W.M.Strakhovym. (Fishes, Fossil) (Fluorine)

DROZDOVA, T.V.; KOCHBHOY, A.V.

Organic matter in fessil fish bones. Geokhimina no.8:748-751 '60.

(MIRA 14:1)

1. V.I. Vernadskiy Institute of Geochemistry and Analytical Chemistry.
Academy of Sciences, U.S.S.R., Moscow.

(Fishes, Fossil).

(Organic matter)

"APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510001-2

KOCHEMOV, A.V.; ZINOVITEV, V.V.; ECVALEVA, C.A.

Some characteristics of the process of uranium accumulation in pent bogs. Geokhimita no.1:97-103 Ja *65. (MIRA 18:4)



SHCHERBINA, V.V.; NAUMOV, G.B.; MAKAROV, Te.S.; GERASIMOVSKIY, V.I.;
YER-OLAYEV, N.P.; TARASOV, L.S.; TUGARIMOV, A.I.; BARSUKOV,
Vik.L.; SOKOLOVA, N.T.; KOCHEROV, A.V.; GERMANOV, A.I.;
ZNAMERSKIY, V.L., red.ind-Var Visitablov, A.P., akademik, red;
FOLYAKOVA, T.V., takhn. red.
[Resential features of uranium geochemistry]: Osnovnye cherty
geokhimii urana. Pod red. A.P. Vinogradova. Moskva, Isd-vo
AN SSSR, 1963. 350 p. (MIRA 16:10)

1. Akademiys nauk SSSR. Institut geokhimii i analiticheskoy
khimii. (Uranium)

A STATE OF THE PARTY OF THE PAR

MSTISLAVSKIY, M.M.; KOCHEMOV, A.V.

Gonditions of accumulation of fish remains in Maikop sediments.

Isv. vys. ucheb. sav.; geol. i rasv. 4 no.3:3-15 Mr '61.

(HIRA 14:6)

1. Vsesoyusnyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.

(Fishes, Fobsil)

KOCHENOV, A.V.; BATURIN, G.N.; KOVALEVA, S.A.; YEVEL TANCY, Ye.M.; SHIMKUS, K.M.

Uranium and organic matter in the sediments of the Black and Mediterranean Seas. Geokhimiia no.3:302-313 Mr *65. (MIRA 18:7)

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L 14705-66 EWI(1)/EWI(m)/EPF(n)-2/EWP(t)/EWP(b) IJP(c) J:/W4/JG/CW ACC NR: AP6004394 (N) SOURCE CODE: UR/0020/56/166/003/0698/0700

AUTHOR: Baturin, G. N.; Kochenov, A. V.; Kovaleva, S. A.

45 B

ORG: none

TITLE: Some aspects of the distribution of uranium in Black Sea waters

SOURCE: AN SSSR. Doklady, v. 166, no. 3, 1966, 698-700

TOPIC TAGS: uranium, sea water, geochemistry, oceanography

ABSTRACT: During the 16th voyage of the scientific-research ship "Mikhail Lomono-sov" in August-September 1964, the authors took 46 samples at various depths of the 155 waters of the Black Sea at 16 different stations, including 15 samples of the bottom layer. According to the determinations, the uranium content of the Black Sea waters (except the bottom layer) ranges from 2.10 to 4.10 g/l, the average being 2.8 x 10 b g/l. The uranium content of the bottom layer is much lower, frequently dropping to n x 10 g/l. This is attributed to the removal of uranium by adsorption on the sediments. One of the major factors in the adsorption of uranium by the sediments is thought to be the presence in the latter of organic matter whose parti-

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UDC: 551.464.679.1

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cles can occlude this metal while it is still precipitating in the mass of the water as a result of its reaction with hydrogen sulfide contaminating the water. The paper was presented by Academician N. M. Strakhov on 4 August 1965. Orig. art. has:

SUB CODE: 08/ SUBM DATE: 15Apr65/ ORIG REF: 006/ OTH REF: 002

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8/089/62/013/001/002/012 B102/B104

11.1000

AUTHORS:

Kochenov, I. S., Voinov, M. L., Yershova, M. M.

TITLE:

Calculation and analysis of the thermodynamic cycle in an

atomic power plant

PERIODICAL:

Atomnaya energiya, v. 13, no. 1, 1962, 38-46

TEXT: As existing methods of calculating the optimum reactor parameters for atomic power plants are still defective a new method has been developed as here described. The parameters and the absolute internal efficiency of the thermodynamic cycle of an atomic power plant which includes two coolant loops, a gas-cooled CO₂ reactor and two vapor-pressure

stages in the second circuit, are calculated. The efficiency is determined as a function of the coclant temperature at the vapor generator inlet and outlet (T_1, T_7) , the temperature drope at the individual stages (Δ_1) , the

design of the regenerative preheater and the feed water temperature, the pressure in the condenser turbine, the humidity content of the vapor and the relative internal efficiency of the turbine unit. Relations for the

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Calculation and analysis of the ...

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the Institut atomnoy energii im. I. V. Kurchatova (Institute of Atomic Energy imeni I. V. Kurchatov). There are 9 figures.

SUBMITTED: December 6, 1961

Fig. 1: schematic drawing of the vapor generator
Legend: 4HB -high-pressure circulation pump; 4HH -low-pressure circulation
pump

Fig. 2: temperature distribution in the vapor generator; T-coolant temperature, t - water or water vapor temperature (°C)

Card 3/4 -

PRVAYS, A.V.; ROCKEROV, M. I., kondidat tekhnicheskikh mank, redaktor; IVANOV, A.C., Eddidat tekhnicheskikh mank, retsensent; MATVELEVA, Ye.W., tekhnicheskiy redaktor

[Adjustment and repair of projectors and optical measuring instruments] IUctirevka i rement procktorov i spiicheskikh dlinomerov. Noskva, Gos.machmo-tekka.isd-vo machinostreitel'nei lit-ry, 1951.

135 p. [Microfilm] (MIRA 9:3)

(NOR guring instruments) (Optical instruments)

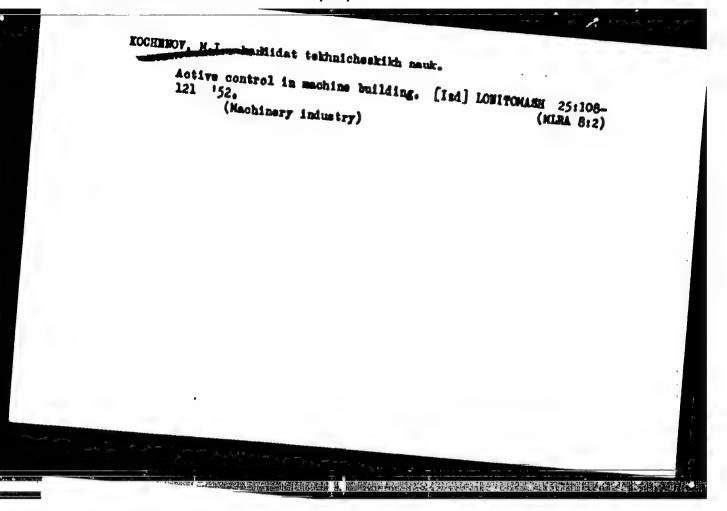
"APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510001-2

GUNDDETSKIY, I Ye.; FECHE CV. M. I.

Machine Tools - Trade and Manufacture

Production tolerances and permissible measurement errors. Stan. 1 instr., 23, No. 2, 1952.

. Monthly List of Russian Accessions, Library of Congress, June 1951, Uncl.



APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510001-2"

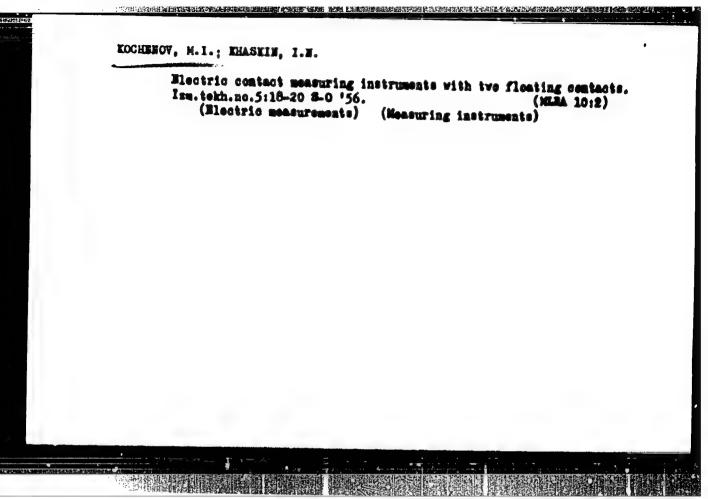
KOCHEROV, M. I.

According to Izvestiya, Acad. Nauk SSSM (CTR) 12, (1888-91) 1953, the following was read at the seminar of the Laboratory of Machine and Instrument Prevision, in 1952 and the first half of 1953.

M. J. Koshanara

M. I. Kochenov read a paper "Improving the precision of technical conditions in the manufacture of ball and roller bearings on automatic lines according to metrological specifications." The author remarked that it was necessary to define more accurately individual values ("state of the standard for ball and roller bearings and to introduce some new

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MANCHIN, Samariy Maumovich; SHATS, Adol's Yevelevich; KUCHEMOV, M. Ishandidat tekhnicheskikh nauk, retsensent; BHIZEL'ARE, R.U., inshener, redsktor; BOGOMOLOVA, M.F., isdatel'skiy redsktor; ZUDAKIN, I.M., tekhnicheskiy redsktor

[Measuring instruments and techniques of measurements] Ismeritel'ayi instrument i tekhnikm ismerenii. Moskva, Gos.izd-vo obor. promyshl., 1957. 198 p. (Miss 10:13)

(Measuring instruments) (Machine-shop practice)

KUCHENUY M. I

VIKHMAN, Viktor Semenovich, kandidat tekhnicheskikh nauk; FETROV, B.E., redaktor; KOCHMHOV, M.I., kandidat tekhnicheskikh nauk, retsensent; MODEL', B.I. terminosuddy redaktor.

[Blectronic automatic technical control of elements in machine manufacture) Blektroavtomatika tekhnicheskogo kontrolia isdelii mashinostroeniia. Moskva, Gos.nauchno-tekhn. isd-vo mashinostroit. lit-ry, 1957. 303 p. (MEA 10:5)

1. Ohlen-korrespondent Akademii nauk SSSR (for Petrev).
(Automatic control)
(Machinery industry)

Modernov, M.1.; Felius, A.Ta.

Hew instruments for checking tapered thread gauges. Ism.teth.
no.1171-74 Ja-F '57.
(Screw threads-Measurement)

(Screw threads-Measurement)

KOCHENOV, M. t.

M. Y. Kochenov, "Investigation of Production Errors in the Automatic Production of Ball and Roller Bearings."

paper presented at the 2nd All-Union Conf. on Fundamental Problems in the Theory of Machines and Machanisms, Macoow, USE, 24-26 March 1978.

ERVAYS, Arkadiy VladimirovichEYDINOV, V.Ts., kand.tekhn.nauk, reteensent;

KOCHENOV, M.I., kand.tekhn.nauk, red.; SHENSHRRIMA, Ts.A., red.
isd-va; SAIAZKIN, H.P., tekhn.red.; "L'KIED, V.D., tekhn.red.

[Truing and repeiring of optical and mechanical measuring instruments]

IUstirovka i remont optiko-mekhanicheskikh ismeritel'nykh priborov.

Moskva, Gos.muchno-tekhn.isd-vo meshinostrcit.lit-ry, 1958. 458 p.

(NIRA 11:7)

(Measuring instruments--Meirtenance and repair)